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OGMORE AND GARW URBAN DISTRICT COUNCIL

REPORT

OF THE

Medical Officer of Health

FOR THE

Year 1921.

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Ogmore and Garw Urban District Council

ANNUAL REPORT

OF

The Medical Officer of Health

For 1921.

To the Chairman and Members of the
Ogmore and Garw Urban District Council.

Mr. Chairman, Miss Thomas, and Gentlemen,

I beg to submit for your consideration my Annual Report upon the vital statistics and sanitary condition of the Ogmore and Garw Urban District during the year 1921.

The population, as shown by the Census, is 30,850, as compared with a population of 26,747 in 1911.

The general death rate of the district is 10·7 and the birth rate 30·8 per 1000 of the population.

The infantile mortality rate is 85 per 1000 births.

I wish to bring to your notice the excellent work performed throughout the year by Mr. J. D. Owen, Sanitary Inspector, and the Health Visitors.

I am,

Yours faithfully,

W. A. MURPHY,

Medical Officer of Health.

The Council Offices,
Brynmenyn.

1. GENERAL STATISTICS.

Area—acres (land and inland water)	17,984
Population (1921)	30,850
Number of inhabited houses (1921)	5,130
Number of families or separate occupiers ...	6,273
Rateable value	£81,500
Sum represented by a penny rate	£340

2. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	TOTAL	M.	F.		
Births Legitimate ...	917	455	462	Birth-rate (R.G.) ...	30·8
Births Illegitimate ...	32	21	11		
Deaths	329	186	143	Death-rate (R.G.) ...	10·7

Number of women dying in, or in consequence of child-birth From Sepsis ...	2
„ other causes	3

Deaths of infants under one year of age per 1000 births :—

Legitimate ... 84 Illegitimate ... 125 Total ... 85

Deaths from Measles (all ages)	5
„ Whooping Cough (all ages) ...	Nil
„ Diarrhœa (under two years of age)	10
„ Dysentery (all ages)	15
„ Enteric Fever (all ages)	5

BIRTHS.

	1921.	1920.
Birth-rate in Ogmore and Garw	30·8	30·3
„ 148 smaller towns	22·7	24·9
„ England and Wales ...	22·4	25·4

The Birth-rate in the district compares very favourably with those for England and Wales and the 148 smaller towns.

The natural increase in population, or the excess of births over deaths in 1921, amounted to 620.

ILLEGITIMACY.

There were registered during the year 32 illegitimate births, the number for 1920 being 35. The number recorded in the year under review is equivalent to 1·03 per 1000 of the total population, and to 34 per 1000 births.

DEATHS.

	1921.	1920.
Rate per 1000 in Ogmore and Garw ...	10·7	11·2
,, ,, 148 smaller towns ...	11·3	11·3
,, ,, England and Wales ...	12·1	12·4

The Death-rate in the district compares very favourably with those for the 148 smaller towns and for England and Wales.

INFANTILE MORTALITY.

	1921.	1920.
Ogmore and Garw, per 1000 births ...	85	108
148 smaller towns ,, ...	84	80
England and Wales ,, ...	83	80

The Infantile Mortality Rate for 1921 is very satisfactory, being 23 per 1000 lower than that for the previous year. It is still more satisfactory when one considers the trying nature of the year for infants—last summer being the hottest summer since 1911, in which year the infantile mortality rate was 153 per 1000 births. It can be seen, therefore, that the money expended by the Council on child welfare work is bearing fruit both in the number of infant lives preserved and in the improved condition of the survivors. Much, however, remains to be done.

There has been no diminution in the loss of infant life under four weeks of age, whereas deaths of infants in the other age-periods have become definitely less. It would seem, therefore, that some further effort is required to improve this result. Reference to the table on page 9 shows that of 78 children dying under one year of age 47 or 60·2 per cent. were not well from birth ; that is to say they were already diseased before birth, and that treatment of the mothers during pregnancy was called for.

Again, I would direct your attention to the table containing the results of the investigations made concerning still-born children in 1921.

During the year 35 still-births occurring after the 28th week of pregnancy were notified, equal to a rate of 37 per 1000 of the children born. From a consideration of these tables it is evident that the loss of infant life from still-birth and during the first weeks of life demands your serious consideration, and, in my opinion, the first step towards improvement would be the development of an ante-natal clinic, where advice and, if necessary, special treatment could be given.

HEALTH VISITORS.

Visits paid by Health Visitors during the year :—

To expectant mothers—(1) First visits, 348. (2) Revisits, 433. (3) Total visits, 781.

To infants under 1 year—(1) First visits, 914. (2) Re-visits, 6,142. (3) Total visits, 7,056.

To children 1—5 years—Total visits, 7,318.

STILL-BORN CHILDREN.—Whole District.

No.	Medical Attention.	Period of Gestation.	Result of Investigation.	Numerical Sequence of Child.	History of Previous Pregnancies.
1	Doctor present	Premature	Breech Footling ; Asphyxia	1st	——
2	Doctor present	Full term	Instrumental delivery ; contracted Pelvis	2nd	1 Still-birth
3	Doctor present	Full term	Macerated	2nd	1 Still-birth
4	No Doctor present	Premature	Apparently died at 5 months	6th	1 still-birth
5	Doctor present	Full term	Instrumental delivery ; premature rupture of Membranes	2nd	——
6	Doctor present	Premature	——	8th	1 still-birth 1 Child died, aged 11 months
7	Doctor present	Premature	——	1st	——
8	Doctor present	Full term	Instrumental delivery	2nd	——
9	Doctor present	Full term	Instrumental delivery ; Occipito-Posterior position	4th	1 Child died, aged 7 weeks
10	Doctor present	Full term	Instrumental delivery ; contracted Pelvis	1st	——
11	Doctor present	Full term	Instrumental delivery ; P.P.H.	1st	——
12	Doctor present	Premature	Mother treated by doctor throughout pregnancy	1st	——
13	Doctor present	Premature	Macerated	11th	2 Still-births 1 Child died, aged 5 weeks 1 „ „ 12 „
14	Doctor present	Premature	Macerated	1st	——
15	Doctor present	Premature	Macerated	6th	2 Still-births 1 Child died, aged 3 months
16	No Doctor present	Premature	Abnormal ; Breech Footling	15th	4 Still-births 2 Miscarriages 1 child died, aged 7 months
17	Doctor present	Full term	Asphyxia	2nd	——

Still-born Children.—Whole District.—continued.

No.	Medical Attention.	Peaiod of Gestation.	Result of Investigation.	Numerical Sequence of Child.	History of Previous Pregnancies.
18	Doctor present	Full term	Asphyxia Pallida following maternal Eclampsia	1st	——
19	Doctor present	Premature	Macerated	1st	——
20	Doctor present	Full term	Craniotomy ; Instrumental delivery	1st	——
21	Doctor present	Premature	Asphyxia ; A.P.H. and P.P.H.	2nd	——
22	Doctor present	Full term	Instrumental delivery ; Breech presentation	1st	——
23	Doctor present	Full term	Instrumental delivery ; contracted Pelvis	10th	6 Still-births (Instrumental delivery) 1 Child died, aged 7 days 1 ,, ,, 15 months
24	Doctor present	Full term	Asphyxiated ; prolonged Labour	8th	2 Still-births
25	Doctor present	Full term	Asphyxiated Pallida ; prolonged Labour	1st	——
26	Doctor present	Premature	Macerated ; A.P.H.	2nd	——
27	Doctor present	Full term	A.P.H.	6th	5 Still-births, A.P.H. each birth
28	No Doctor present	Premature	Mother ill with Nephritis during pregnancy	9th	1 Miscarriage 1 Child died, aged 2 years 1 ,, ,, 4 months
29	Doctor present	Full term	Breech presentation	1st	——
30	Doctor present	Premature	Maternal Cystitis and Vaginitis	15th	5 Miscarriages 1 Still-birth
31	Doctor present	Premature	Breech presentation	7th	4 Miscarriages
32	Doctor present	Full term	Craniotomy ; contracted Pelvis	1st	——
33	Doctor present	Premature	Macerated	2nd	——
34	No Doctor present	Premature twins	Chorea during pregnancy ; occasional hœmorrhage up to time of birth	1st	——
35	Doctor present	Full term	Asphyxia Pallida	1st	——

Information obtained by Health Visitors concerning Deaths of 78 Children under 1 year of age.

	Total Number.	Per Cent of Total Cases.
Sex—Male	46 ...	58·9
Female	32 ...	41·0
Age at Death—0—12 hours ...	12 ...	15·3
12—24 hours ...	3 ...	3·8
1—7 days ...	8 ...	10·2
1—4 weeks ...	5 ...	6·4
1—2 months ...	13 ...	16·6
2—3 months ...	3 ...	3·8
3—4 months ...	5 ...	6·4
4—5 months ...	2 ...	2·5
5—6 months ...	6 ...	7·6
6—7 months ...	7 ...	8·9
7—8 months ...	5 ...	6·4
8—9 months ...	— ...	—
9—10 months ...	2 ...	2·5
10—11 months ...	5 ...	6·4
11—12 months ...	2 ...	2·5
Maturity—Mature	50 . .	64·1
Premature	28 ...	35·8
Not well from Birth	47 ...	60·2
Previously visited by Health Visitor	53 ...	67·9
Breast fed	30 ...	38·4
Partly breast fed	4 ...	5·1
Bottle fed	28 ...	35·8
Spoon fed	1 ...	1·2
Unfed	15 ...	19·2
Bottle used—Boat shaped ...	24 ...	30·7
Tube	4 ...	5·1
Boat shaped and tube	— ...	—
Milk—Cows	5 ...	6·4
Condensed	10 ...	12·8
Dried	15 ...	19·2
Previous Deaths—		
1 child under 1 year ...	12 ...	15·3
2 children under 1 year ...	6 ...	7·6
3 children under 1 year ...	1 ...	1·2
4 or more children under 1 year	4 ...	5·1
Total number with previous deaths of infants under 1 year	23 ...	29·4

	Total Number.		Per Cent. of Total Cases.
Number with 1 previous still-birth	5	...	6·4
,, 2 ,, ,,	1	...	1·2
Total number with previous still-births	6	...	7·6
,, ,, ,, miscarriages	4	...	5·1
Abnormal condition of mother	2	...	2·5
Difficult birth	10	...	12·8
Abnormal children	2	...	2·5
Illegitimate children	3	...	3·8

3. NOTIFIABLE DISEASES DURING THE YEAR.

DISEASE.		Total Cases Notified.			Cases Admitted to Hospital			Total Deaths.		
		Ogmore.	Garw.	Whole District.	Ogmore.	Garw.	Whole District.	Ogmore.	Garw.	Whole District.
Diphtheria		8	26	34	8	26	34	1	1	2
Scarlet Fever		56	119	175	Nil	1	1	Nil	1	1
Enteric Fever (including Paratyhoid) ...		10	6	16	9	5	14	3	2	5
Puerperal Fever ...		1	1	2	Nil	Nil	Nil	1	1	2
Pneumonia		8	9	17	Nil	Nil	Nil	4	9	13
Dysentery :—										
(a) Bacillary ...		299	Nil	299	Nil	Nil	Nil	15	Nil	15
(b) Amoebic ...		1	Nil	1	1	Nil	1	Nil	Nil	Nil
Erysipelas		15	4	19	Nil	Nil	Nil	Nil	Nil	Nil
Tuberculosis :—										
(a) Pulmonary ...	M.	5	32	37	1	6	7	8	5	13
	F.	7	20	27	5	2	7	4	6	10
	Total	12	52	64	6	8	14	12	11	23
(b) Non-Pulmonary	M.	2	6	8	1	2	3	...	2	2
	F.	6	4	10	3	1	4	2	2	4
	Total	8	10	18	4	3	7	2	4	6

Tuberculosis.—The total deaths numbered 29, of which 7 were unnotified cases. I consider that, on the whole, the notification of Tuberculosis is good. In the event of a death occurring from Tuberculosis where no prior notification of the patient had been received the certifying medical practitioner has been communicated with, and reminded of the Regulations.

Amoebic Dysentery.—This case was notified as "Dysentery" at the time when that disease was prevalent in the district. On enquiry it was found that the patient had become infected in Mesopotamia, and, in view of this, samples of his fæces were sent for examination.

The Bacteriologist reported that Entamoeba Histolytica was present in its vegetative form, and, consequent on his report, arrangements were made for the admission of the patient to the Ministry of Pensions Hospital at Neath.

OPHTHALMIA NEONATORUM.

CASES			Vision Unimpaired	Vision Impaired.	Total Blindness.	Deaths.
Notified	Treated.					
	At Home.	In Hospital.				
11	11	...	10	1	Nil	Nil

4. CAUSES OF SICKNESS.

The year under review was noteworthy by reason of an epidemic of Bacillary Dysentery in the Ogmore Valley. The infection in the first instance was proved to have been water-borne, due to the pollution of an unprotected supply, the Fairy Glen intake. The disease was at first confined to the district supplied from this source, but, owing to the opportunities for inter-communication which existed, secondary cases in other parts of the Ogmore Valley rapidly occurred, mainly through human agency.

The epidemic commenced in May, 1921, and, when the specific cause of the disease had been recognised, the local general practitioners were communicated with and reminded that Dysentery was a notifiable disease under the Public Health (Pneumonia, Malaria, Dysentery, etc.) Regulations, 1919. 299 cases of Bacillary Dysentery were notified from the week ended

May 31st until the end of 1921. Of the notified cases the heaviest incidence occurred amongst children under 15 years of age and females between the ages of 20 and 45 years. A summary of the special report on the epidemic which was presented to the Council and the Welsh Board of Health in July, and which now includes the conditions up to December 31st, is appended :—

1. Onset.—The first intimation was received from Dr. Anderson, Ogmore Vale, on May 18th. He reported that there was a considerable prevalence of Diarrhœa, mainly among children, in the Wyndham district of Ogmore Vale, and that none of the first 40 cases attacked had been attending the soup kitchens which were opened at that time in consequence of local conditions.

The area affected was the whole of the Wyndham district, and all the streets on the western side of Ogmore Vale with the exception of the area which had an independent water supply from the Gorwyl spring. It was found subsequently that, in addition to children, there were many adults simultaneously attacked.

2. Bacteriology.—Samples of blood and faeces were sent to the County Bacteriologist, who reported that he had isolated B. Dysenteriae Flexner W. (Oxford Series) from the faeces and that the sera agglutinated this bacillus in varying dilutions, and at various times during the progress of the epidemic.

3. Epidemiological Enquiries.—It was estimated that about 700 cases had occurred in the early stages of the epidemic. The cases were too numerous to be attributable to food poisoning except by some article of almost universal consumption, and no food used locally was found to be so consumed. No milk supply was found to be common to the infected houses.

Samples of different tinned foods were submitted for bacteriological examination with negative results. The water supply to the infected area was received in whole or in part from the Fairy Glen intake, which at that time was situated about 200 yards above

Fairy Glen, and derived its supply from upland surface water ; the water passed directly into the main without filtration ; the stream throughout its course was liable to pollution, both human and animal, and evidences of recent human faecal contamination were found during an inspection of the source.

The Analyst reported that bacteriological examination showed a high relative number of B. Coli, and that the water was unsatisfactory.

Age and Sex Incidence.—Analysis of the reports on 327 cases attacked in the early stages of the epidemic showed that both sexes were almost equally attacked, and that the heaviest incidence occurred amongst children between the ages of 1 and 15 years and amongst females between the ages of 20 and 45 years

Distribution and Number of Cases.—The results of a house-to-house inspection in Ogmore Vale were as follows :—

	No. of Houses Visited.	No. of Houses Invaded.
Western Area ...	494	306 or 62 per cent.
"Gorwyl" Area ...	36	3 or 8 ,,
Eastern Area ...	365	88 or 24 ,,

The results worked out on a population basis show that in the Western area 578 or 23 per cent. of the inmates were attacked, whereas in the Eastern area 133 or 7·2 per cent., and in the Gorwyl area, situated in the centre of the infected area, but with an independent water supply, 3 or 1·4 per cent. of the inmates were attacked. Further, no case had occurred in the Eastern area prior to May 20th, by which time the epidemic had become established in the western side of the town.

Rainfall.—No rain fell from May 1st to May 6th inclusive.

May 7th		0·86 ins. of rain
,, 8th		0·51 ,,
,, 9th		0·03 ,,
,, 10th		0·07 ,,
,, 11th		0·14 ,,

May 12th	...	...	0·00 ins. of rain
,, 13th	...	...	0·00 ,,
,, 14th	...	...	0·10 ,,

The conditions were such, therefore, that if a specific pollution of the water sources occurred the polluting material would be washed into the main during the rainy period following the dry spell. Enquiry into the dates of onset of the first 327 cases showed that no cases occurred prior to May 10th, 3 cases between May 10th and 13th, and the heaviest incidence—50 per cent. of the earliest recorded cases—occurred during the four days, May 12th, 13th, 14th, and 15th : the date of onset in 28 cases being May 12th ; in 82 cases, May 13th : in 24 cases, May 14th ; and in 24 cases, May 15th. From May 16th to 19th the number of persons attacked was relatively high, 20 cases giving the date of onset as May 19th, there being 63 cases in all attacked between these dates.

After this date there was a definite decline in the number of cases, the highest in any one day being 8.

4. Spread of Infection in other parts of the Ogmore Valley. —Owing to the fact that there is so much intercommunication between the townships in the Ogmore Valley and in Ogmore Vale itself, our efforts to limit the spread of infection were not entirely successful. The first case was notified from Nantymoel on May 30th, and in this instance it was found that relatives from an infected household at Ogmore Vale had visited their Nantymoel relatives during convalescence.

It was definitely established that personal contact was the means by which the infection was disseminated in the later stages of the outbreak. Flies were not prevalent in the district until the middle of August, and, therefore, could not have played much part in the spread of infection. There was no special incidence of cases in one particular area on one or two days as had previously been observed in Ogmore Vale, but the sequence of events was that one house in a street became infected and, later, other houses in the street were infected after an interval of several days.

Type of Disease.—The disease was of mild type : the symptoms lasted about four days and then subsided, leaving no after effects. No complications were noted. Relapse occurred in a few instances.

The number of deaths up to December 31st was 15, the ages being under 1 year, 7 ; from 1 to 5 years, 5 ; from 5 to 15 years, 1 ; from 45 to 65 years, 1 ; over 65 years, 1. The deaths are equivalent to a rate of 0·5 per 1000 of the population.

6. Origin of Outbreak.—From a consideration of the foregoing data the only conclusion that can be drawn is that the infection was water-borne, and that it arose from a specific contamination of one of the streams supplying the Fairy Glen intake.

My reasons for arriving at this conclusion are :—

(1) The distribution of the cases, the heaviest incidence occurring in houses situated nearest the supply.

(2) All the earlier cases of the disease were confined to the area which obtained its water from the Fairy Glen source.

My reasons for concluding that the contamination occurred at the source itself, and that the water in the main was not contaminated by sewage are :—

(a) The heaviest incidence occurred in those houses which obtained their supply from the main before any sewage contamination could have occurred.

(b) The fact that where the sewer crosses the water main it does so at such a depth that communication between them would be impossible.

7. Steps Taken to Limit Spread of Infection.—

(1) Warning notices through the medium of posters, handbills, and the cinema.

(2) Disinfection of the mains by chlorination.

(3) Change of site of intake.

(4) Exclusion of children from infected homes from school.

I have to thank Dr. Colston Williams, the County M.O.H., Dr. Anderson, Ogmore Vale, Dr. Wade, Welsh Board of Health, Dr. Parry Morgan, and Mr. Sugden, for all the advice and assistance which they afforded me, and also my staff for their excellent work throughout.

It is hoped that one result of the epidemic will be that the Mid-Glamorgan Water Board, who are responsible for the water supplies of this and the adjoining areas, will take steps to ensure that no supply will reach the consumer which is not adequately protected from pollution.

ENTERIC FEVER.

There were notified during 1921, 16 cases of Enteric Fever, the highest in any one year since 1915. Five of these cases proved fatal. The infection in one of the notified cases was contracted outside the area, and, of the remaining 15 cases, eight were "secondary" cases, contracted in two instances by contact infection from the first case, the true nature of which had not been recognised for from seven to ten days following the onset.

5. SUMMARY OF NURSING ARRANGEMENTS, HOSPITALS, AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT.

Professional Nursing in the home.—There are no arrangements made for this purpose in the district.

MIDWIVES.

No midwives are employed or subsidised by the Public Health Authority. There are 17 midwives, 9 trained and 8 untrained (bona fide) in practice in the district.

CLINICS AND TREATMENT CENTRES.

INFANT CONSULTATION CENTRES.

ADDRESS.	Sessions,	Nature of Accommodation.			Average Attendance.	Provided By.
		Waiting Room.	Weighing Room.	Consulting Room.		
Horeb, Nantymoel ...	Fortnightly	1	1	...	60·2	All these Centres are provided by the Local Authority.
Hermon, Ogmore Vale	,,	1	1	...	82·2	
Calfaria, Evanstown .	,,	1	1	...	32·1	
Bethania, Blaengarw	,,	1	1	1	50·1	
Noddfa, Pontycymmer	,,	1	1	1	62·8	
Carmel, Pontyrhyll ...	,,	1	1	...	38·3	

The Infant Consultation Centres are under the direct medical control of the Medical Officer of Health.

TUBERCULOSIS VISITING STATIONS.

ADDRESS.	Sessions,	Nature of Accommodation.		Provided by
		Waiting Room,	Consulting Room.	
Noddfa, Pontycymmer ...	Fortnightly	1	1	Welsh National Memorial Association.
Workmen's Hall, Ogmore Vale	,,	1	1	

These were opened for the first time in January, 1922. They are a considerable convenience to the inhabitants of the district, who were previously compelled to attend at the Visiting Station in Bridgend.

VENEREAL DISEASES CLINICS.

There are three of these Clinics available for the district. They are provided by the Glamorgan County Council, and are situated at Barry, Port Talbot, and Pontypridd.

HOSPITALS PROVIDED OR SUBSIDISED BY THE LOCAL AUTHORITY OR BY THE COUNTY COUNCIL.

1. Tuberculosis.—The Tuberculosis Hospitals in the County are under the control of the Welsh National Memorial Association.

2. Maternity—There is no Maternity Hospital in the district. Arrangements exist by which cases of complicated labour which require special hospital treatment can be admitted to the Maternity Wards of the King Edward VII Hospital, Cardiff.

3. Children.—There is no Children's Hospital in the district.

4. Fever.—The Council's Isolation Hospital is situated at Blackmill, and consists of two pavilions containing 20 beds, an administrative block, discharge block, laundry, mortuary, and disinfection block. Provision is made for the admission of cases of diphtheria and enteric fever. 73 patients, amongst whom six deaths occurred, were treated in the hospital during the year.

5. Small-Pox.—The Small-Pox Hospital for this and the adjoining districts is situated at Cefn Hirgoed, near Bridgend. This hospital is let at present to the Welsh National Memorial Association, and has to be evacuated at twelve hours notice if necessary.

INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, etc.

Provision is made at the Bridgend and Cowbridge Union Infirmary, Bridgend, for the admission of unmarried mothers to the Maternity Ward of the infirmary.

Provision for illegitimate and homeless children is made by the Guardians at the Cottage Homes, Bridgend.

AMBULANCE FACILITIES.

(a) For infectious cases :—A motor-ambulance is provided by the Council.

(b) For non-infectious and accident cases.

1. Ogmore Valley.—A motor-ambulance is provided for the Ogmore Valley by means of contributions from the Colliery Companies, weekly contributions from the Colliery employés, and by voluntary subscriptions. The use of this ambulance is reserved solely for members.

2. Garw Valley.—In the Garw Valley a motor-ambulance is maintained by means of annual payments by the Colliery Companies per person employed, and by the Garw Valley Medical Aid Society per member. This ambulance may be hired at a fee by a non-contributor in case of emergency.

6. LABORATORY WORK.

All the Bacteriological and Chemical work is undertaken at the Cardiff and County Public Health Laboratory, towards the upkeep of which the Council pay an annual contribution. Samples of water and milk are sent for examination from time to time throughout the year, and specimens of blood, naso-pharyngeal swabs, and other material from cases of infectious disease are sent as occasion arises.

ADOPTIVE ACTS.

The following Adoptive Acts are in force within the Urban Area :—

Public Health Acts (Amendment) Act, 1890, Part III.
Infectious Diseases (Prevention) Act, 1890.
Public Health (Water) Act, 1878.
Notification of Births Act, 1907.

BYE-LAWS.

Bye-Laws in respect of the undermentioned were confirmed by the Local Government Board in 1894, and are in force in the district.

1. New Streets and Buildings.
2. Common Lodging Houses.
3. Houses let in Lodgings.
4. Nuisances,
5. Slaughter-Houses.

REGULATIONS.

Regulations in respect of Dairies, Cowsheds, and Milkshops came into force in the district on and after October 10th, 1907.

7. SANITARY ADMINISTRATION.

TABULAR SUMMARY OF THE WORK OF THE SANITARY DEPARTMENT DURING THE YEAR.

The number of inspections and re-inspections made during the year were as follows :—

Inspections under the Housing, Town Planning, &c., Acts ...	367
Inspections under the Public Health Act, 1875	624
Cases of Infectious Diseases investigated	983
Revisits to unabated nuisances and unremedied defects ...	241
Slaughter Houses	454
Cowsheds and Dairies	90
Bakehouses	55
Cinemas	75
Fried Fish Shops	17
Special complaints investigated	128

Of the 363 notices served, 134 were informal notices, whilst the remaining 229 were statutory notices. In the course of the year it was found necessary to prosecute two owners for non-compliance with the requirement of the Council ; fines were imposed and an Order of the Court obtained in each case.

Proceedings were also taken in two instances with regard to the slaughter of animals, intended for sale as human food, on unregistered premises. Fines of £3 and £4 were imposed in each case.

INSPECTION OF MEAT AND OTHER FOODS.

Meat inspection was carried out at the various slaughter-houses and butchers' shops in the district.

The following list shows the amount of meat seized, condemned, and destroyed as unfit for human food under Section 117, Public Health Act, 1875, during 1921 :—

Tuberculous Beef and Organs—Two carcases.

Offal—5 Livers, 5 pairs of Lungs.

Other Foods.—Food inspection was carried out systematically, and unsound food condemned and destroyed, as follows :—

Tinned Tomatoes	...	... 72 Tins
Tinned Pears	...	... 26 ,,
Various Tinned Fruits	...	... 210 ,,

The premises in which foods are manufactured, prepared, stored or exposed for sale were periodically inspected, and were found to be in a satisfactory sanitary condition. In this connection it must be emphasised that systematic meat and food inspections are of the greatest importance to the health of the community, and it is impossible to carry out these inspections sufficiently frequently in this district when the services of only one Inspector are available.

For example, it is a physical impossibility for the Inspector to visit the slaughter-houses in the Ogmore and Garw Valleys during slaughtering hours on the same day. As slaughtering is carried out simultaneously in each area, the result is that these premises can only be inspected in alternate weeks. This is a thoroughly unsatisfactory state of affairs and one which can only be remedied by the appointment of a second Sanitary Inspector.

SLAUGHTER-HOUSES.

There are 12 slaughter-houses in the Urban Area, 2 registered and 10 licensed.

454 inspections of these premises were made throughout 1921. The general condition of the slaughter-houses is, on the whole, satisfactory. It must be pointed out, however, that no impervious receptacles for offal, &c., are provided in any of these premises, and I recommend that the attention of the occupiers should be called to this breach of the Bye-Laws.

BAKEHOUSES.

The various premises throughout the district were systematically inspected during the year.

DRAINS AND SEWERS.

During the year it was found necessary to expose and relay the drains of seven houses.

CINEMAS AND MUSIC HALLS.

Periodical inspections of these premises were made throughout 1921, and a more detailed inspection was made prior to the Annual Licensing Meeting of the Council.

While it is satisfactory to note that the sanitary condition of these halls is greatly improved, and that the majority of the licensees have carried out the recommendations of the Council towards the improvement of the ventilating and heating systems, it must be stated that, in some instances, the proprietors, while accepting the conditions endorsed on their licenses, have not complied with them.

It is manifestly unfair on those licensees, who have loyally co-operated with the Council in improving their premises at considerable expense, that the recalcitrant proprietors should escape further action on the part of the Council.

COWSHEDS, DAIRIES, AND MILKSHOPS.

During the year 90 inspections of the various dairies, cowsheds, and milkshops throughout the area were made. No improvements in these premises have been carried out.

FACTORY AND WORKSHOP ACT.

The number of workshops distributed throughout the District amounts to 110. During the year the whole of these premises were maintained in a sanitary condition.

No matter was referred by H.M. Inspector as remediable under the Public Health Acts.

There are no outworkers engaged throughout the Urban Area.

The following Table sets out the number and classification of workshops in the District.

REGISTERED WORKSHOPS.

Boots	... 12
Bread and Confectionery ...	... 18
Carpentry	... 10
Coach Building	... 1

Dressmaking	... 20
Electricity and Gas ...	... 11
Jam and Pickles	... 0
Letterpress Printing ...	... 4
Millinery	... 14
Sawing and Mortar ...	... 5
Saddlery	... 2
Smithies	... 3
Tailoring	... 10
	110

ARRANGEMENTS FOR DISINFECTION AND DISINFESTATION.

Aerial disinfection of infected premises is carried out by means of formaldehyde gas.

Infected bedding and clothing are disinfected in the "Thresh" Steam Disinfector installed at the Isolation Hospital.

There are no facilities for disinfestation except in so far as this could be carried out in the discharge block of the Isolation Hospital.

8. PUBLIC HEALTH STAFF.

NAME.	QUALIFICATIONS.	OFFICE.	Whole or Part-time.	Contributions to Salary	
				Under P.H. Acts.	By Exchequer Grants.
W. A. Murphy ...	M.B., B.Ch., N.U.I., D.P.H. (Camb.)	Medical Officer of Health	Whole-time	*	—
D. J. Thomas ...	L.R.C.P. (Ed.) M.R.C.S. (Eng.)	Medical Superintendent, Isolation Hospital	Part-time	*	—
J. D. Owen ...	Sanitary Inspector's Certificate, Meat Inspector's Certificate	Sanitary Inspector	Whole-time	*	—
Miss J. David ...	C.M.B.	Health Visitor	Ditto	—	*
Mrs. R. Griffiths ...	C.M.B., Health Visitor's Certificate	Ditto	Ditto	—	*
Miss E. Thomas ...	General Hospital Trained and Certificated Nurse, C.M.B.	Ditto	Ditto	—	*

9. HOUSING.

Number of new houses erected during the year :—

(a) Total 36

(b) As part of a Municipal Housing Scheme ... 32

1. Unfit Dwelling Houses.

Inspection—(1) Total number of dwelling houses inspected for housing defects (under the Public Health or Housing Acts) 367

(2) Number of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910 367

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 1

(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-heading found not to be in all respects reasonably fit for human habitation 15

2. Remedy of defects without Service of Formal Notices.

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers 138

3. Action under Statutory Powers.

A.—Proceedings under Section 28 of the Housing, Town Planning, &c., Act, 1919.

(1) Number of dwelling houses in respect of which Notices were served requiring repairs ... 65

(2) Number of dwelling houses which were rendered fit :—

(a) By Owners 55

(b) By Local Authority in default of Owners ... Nil

(3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intention to close ... 1

B.—Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which Notices were served requiring defects to be remedied	164
(2) Number of dwelling houses in which defects were remedied :—	
(a) By Owners	150
(b) By Local Authority in default of Owners ...	Nil

C.—Proceedings under Sections 17 and 18 of the Housing, Town Planning, &c., Act, 1909.

(1) Number of representations made with a view to the making of Closing Orders	2
(2) Number of dwelling houses in respect of which Closing Orders were made	2
(3) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit	Nil
(4) Number of dwelling houses in respect of which Demolition Orders were made	Nil
(5) Number of dwelling houses demolished in pursuance of Demolition Orders	Nil

The provision of new houses continues to be the most pressing need of the district.

Houses against which, under ordinary circumstances, Closing Orders would be sought, remain occupied, 1081 houses are occupied by two or more families, and 429 persons inhabit basement dwellings. There seems little hope that private enterprise will relieve existing conditions by building operations on a large scale, and there remains only the Local Authority to carry out housing schemes in the Area. Up to the present sanction has been obtained to the building of 116 houses, but a consideration of the above statements shows that much more remains to be done in this direction if the needs of a growing population are to be adequately met.

RAINFALL DURING THE YEAR 1921.

	OGMORE. Inches.	GARW. Inches.
January	15·16	19·15
February	0·49	0·30
March	8·03	8·03
April	1·49	0·73
May	4·65	4·03
June	0·96	0·75
July	3·91	3·98
August	8·59	8·43
September	5·21	4·31
October	2·16	2·83
November	5·90	6·30
December	7·00	8·58
Total for Year ...	63·55	64·42

1921.

GLAMORGAN.—VITAL STATISTICS.

	Birth-rate.	Death-rate.	Infant Mortality rate.
Administrative County ...	28·1	11.2	93
Urban Districts ...	28·9	11·4	95
Urban Districts—			
Aberdare	26·5	12·0	105
Barry	24·9	9·4	78
Bridgend	24·6	12·5	96
Briton Ferry	23·1	11·5	88
Caerphilly	31·9	11·0	92
Cowbridge Borough ...	24·6	14·9	—
Gelligaer	31·3	10·2	94
Glyncorrwg	31·9	11·5	71
Maesteg	31·1	11·4	85
*Margam	25·9	9·9	95
Mountain Ash	29·0	12·1	83
Neath Borough ...	26·9	12.8	85
Ogmore and Garw...	30·7	10·7	85
Penarth	22·6	10·6	56
Pontypridd	32·2	11·4	105
†Port Talbot	30·9	12·1	87
Porthcawl	22·8	10·5	48
Rhondda	29·4	12·0	109

* To November 10th, when district added to Port Talbot Borough.

† Aberavon Borough to November 8th, and Port Talbot (enlarged area) to end of year.

Table I. Vital Statistics of Whole District during 1921 and previous years

Year.	Population estimated to Middle of each Year.	Births			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths Belonging to District.			
		Uncorrected Number.	Nett.				Of Non-Residents Registered in the District.	Of Residents Not Registered in the District.	Under 1 Year.		At all Ages.	
			Number.	Rate.	Number.	Rate.			Number.	Rate per 1000 net Births.	Number.	Rate.
1916	29,792 27,382	870	870	27·5	343	12·5	Nil	Nil	88	107·0	...	...
1917	31,786 28,515	798	799	26·6	248	8·2	2	32	69	86·3	278	10·1
1918	31,395 28,020	777	777	24·7	459	16·3	5	12	77	99·0	466	16·6
1919	31,467 30,207	791	797	25·3	256	8·2	0	31	61	73·0	287	9·2
1920	31,411	944	954	30·3	324	10·3	3	42	103	108·0	363	11·2
1921	30,850	940	949	30·8	301	9·8	3	31	81	85	329	10·7

Table II. OGMORE AND GARW.

Causes of and Ages at Death during the Year 1921.

CAUSES OF DEATH.	Nett deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total deaths whether of Resident or Non-Resident in Institutions in the District.
	All Ages.	Under 1 year.	1 & under 2 years.	2 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years.	65 and upwards.	
All Causes {Certified ...	329	81	16	13	16	23	48	69	63	...
All Causes {Uncertified ...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	5	...	...	...	3	1	...	1	...	...
Small pox	...	...	...	...	...	...	...	...	...	...
Measles	5	1	4	...	...	...	...	...	...	...
Scarlet Fever	1	...	...	1	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	2	...	1	...	1	...	...	...	...	...
Influenza	3	...	...	...	...	...	1	1	1	...
Erysipelas	...	...	...	...	...	...	...	...	...	...
Phthisis(Pulmonary Tuberculosis)	23	...	...	...	...	4	16	3	...	...
Tuberculosis Meningitis ...	2	...	...	1	1	...	...	...	...	...
Other Tuberculous Diseases ...	4	1	1	...	2	...	...	...	...	...
Cancer, Malignant Disease ...	19	...	...	1	...	1	3	9	5	...
Rheumatic Fever	5	...	...	...	...	2	2	1	...	...
Meningitis	1	1	...	...	...	...	...	...	...	...
Organic Heart Disease ..	30	...	...	...	4	3	4	12	7	...
Bronchitis	20	6	1	...	...	...	...	5	8	...
(a) Pneumonia (all Forms) ...	24	7	7	1	...	2	2	3	2	...
Other Diseases of Respiratory Organs	6	2	...	...	1	...	...	3	...	...
Diarrhœa and Enteritis ...	10	10	...	...	...	...	...	...	...	...
Dysentery	15	7	1	4	1	...	...	1	1	...
Appendicitis and Typhlitis ...	1	...	...	...	...	...	1	...	...	...
Cirrhosis of Liver	...	...	...	...	...	...	...	...	...	...
Alcoholism	1	...	...	...	...	...	...	1	...	...
Nephritis and Bright's Disease...	9	...	...	1	...	3	2	1	2	...
Puerperal Fever	2	...	...	...	...	1	1	...	...	...
Other Accidents and Diseases of Pregnancy and Parturition...	3	...	...	...	...	...	3	...	...	...
(c) Congenital Debility and Malformation including Premature Birth	30	30	...	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide	18	...	...	2	1	4	6	4	1	...
Suicides	1	...	...	...	...	...	...	1	...	...
Other Defined Diseases ...	85	14	...	2	2	2	6	23	36	...
Diseases ill-defined or unknown	4	2	1	...	...	...	1	...	...	...
Sub-Entries (included in above)										
(a) Lobar Pneumonia ...	13	3	...	1	...	1	3	3	2	...
(b) Lobular Pneumonia ...	11	4	7	...	...	...	...	...	...	...
(c) Congenital Malformation ...	3	3	...	...	...	...	...	...	...	...
Premature Birth	13	13	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus ...	14	14	...	...	...	...	...	...	...	...

Table IIa. OGMORE.

Causes of and Ages at Death during the Year 1921.

CAUSES OF DEATH.	Nett deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total deaths whether of Resident or Non-Resident in Institutions in the District.
	All Ages.	Under 1 year.	1 & under 2 years.	2 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years	65 and upwards.	
All Causes {Certified ...	189	51	9	7	8	13	22	38	41	...
All Causes {Uncertified ...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	3	...	...	...	1	1	...	1	...	...
Small pox	...	...	...	...	...	...	...	...	...	...
Measles	4	1	3	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	1	...	...	...	1	...	...	...	...	...
Influenza	1	..	...	...	...	...	...	1	..	...
Erysipelas	...	...	...	...	...	...	...	...	...	...
Phthisis(Pulmonary Tuberculosis)	12	...	...	...	...	1	9	2	...	...
Tuberculosis Meningitis ...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ...	2	...	...	...	2	...	...	...	...	...
Cancer, Malignant Disease ...	8	...	...	1	...	...	2	3	2	...
Rheumatic Fever	2	...	...	...	...	2	...	...	...	...
Meningitis	1	1	...	...	...	...	...	...	...	...
Organic Heart Disease ..	15	...	...	...	2	...	3	7	3	...
Bronchitis	15	4	...	...		...	...	4	7	...
(a) Pneumonia (all Forms) ...	10	4	4	...	...	1	...	1	...	...
Other Diseases of Respiratory Organs	4	1	...	...	1	...	...	2	...	...
Diarrhœa and Enteritis ...	9	9	...	...	...	...	...	...	...	...
Dysentery	15	7	1	4	1	...	...	1	1	...
Appendicitis and Typhlitis ...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver	...	...	...	...	...	...	...	...	...	...
Alcoholism	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease...	6	...	...	...	...	2	1	1	2	...
Puerperal Fever	1	...	...	...	...	1	...	...	...	...
Other Accidents and Diseases of Pregnancy and Parturition...	...	...	...	...	...	...	...	...	...	...
(c) Congenital Debility and Malformation including Premature Birth	19	19	...	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide	12	...	...	1	...	3	4	3	1	...
Suicides	...	...	...	...	...	...	...	...	...	...
Other Defined Diseases ...	47	4	...	1	...	2	3	12	25	...
Diseases ill-defined or unknown	2	1	1	...	...	...	...	...	...	...
Sub-Entries (included in above)										
(a) Lobar Pneumonia ...	4	2	...	...	...	1	...	1	...	...
(b) Lobular Pneumonia ...	6	2	4	...	...	...	...	...	...	...
(c) Congenital Malformation ...	2	2	...	...	...	...	...	...	...	...
Premature Birth	8	8	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus ...	9	9	...	...	...	...	...	...	...	...

Table IIb. GARW.

Causes of and Ages at Death during the Year 1921.

CAUSES OF DEATH.	Nett deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total deaths whether of Resident or Non-Resident in Institutions in the District.
	All Ages.	Under 1 year.	1 & under 2 years.	2 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years.	65 and upwards.	
All Causes {Certified ...	140	30	7	6	8	10	26	31	22	...
All Causes {Uncertified ...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	2	...	...	...	2	...	...	...	...	...
Small pox	...	...	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	...	...	...
Scarlet Fever	1	...	...	1	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	1	...	1	...	...	...	...	...	...	...
Influenza	2	...	...	...	...	...	1	...	1	...
Erysipelas	...	...	...	...	...	...	...	...	...	...
Phthisis(Pulmonary Tuberculosis)	11	...	...	...	...	3	7	1	...	...
Tuberculosis Meningitis ...	2	...	...	1	1	...	...	...	...	...
Other Tuberculous Diseases ...	2	1	1	...	...	...	...	...	...	...
Cancer, Malignant Disease ...	11	...	...	...	...	1	1	6	3	...
Rheumatic Fever	3	...	...	...	...	...	2	1	...	...
Meningitis	...	...	...	...	...	...	...	...	...	...
Organic Heart Disease ..	15	...	...	...	2	3	1	5	4	...
Bronchitis	5	2	1	...	..	...	...	1	1	...
(a) Pneumonia (all Forms) ...	14	3	3	1	...	1	2	2	2	...
Other Diseases of Respiratory Organs	2	1	...	...	...	...	...	1	...	...
Diarrhœa and Enteritis ...	1	1	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...
Appendicitis and Typhlitis ...	1	...	...	...	...	...	1	...	...	...
Cirrhosis of Liver	...	...	...	...	...	...	...	...	...	...
Alcoholism	1	...	...	...	...	...	...	1	...	...
Nephritis and Bright's Disease...	3	...	...	1	...	1	1	...	...	...
Puerperal Fever	1	...	...	...	...	...	1	...	...	...
Other Accidents and Diseases of Pregnancy and Parturition...	3	...	...	...	...	...	3	...	...	...
(c) Congenital Debility and Malformation including Premature Birth	11	11	...	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide	6	...	...	1	1	1	2	1	...	...
Suicides	1	...	...	...	...	...	...	1	...	...
Other Defined Diseases ...	38	10	...	1	2	...	3	11	11	...
Diseases ill-defined or unknown	2	1	...	...	...	...	1	...	...	...
Sub-Entries (included in above)										
(a) Lobar Pneumonia ...	9	1	...	1	...	...	3	2	2	...
(b) Lobular Pneumonia ...	5	2	3	...	...	...	...	...	...	...
(c) Congenital Malformation ...	1	1	...	...	...	...	...	...	...	...
Premature Birth	5	5	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus ...	5	5	...	...	...	...	...	...	...	...

Table III. Infantile Mortality.—Whole District.

Nett Deaths from stated causes at various ages under one year.

CAUSES.	Under 1 Week	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 weeks	4 Weeks and under 3 Months.	3 Months and under 6 Months.	6 Months and under 9 Months.	9 Months and under 12 Months.	Total Deaths under 1 Year.
All Causes {Certified ...	23	6	1	2	32	15	14	13	7	81
All Causes {Uncertified ...	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	1	1
Scarlet Fever	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ...	...	...	...	...	...	...	1	...	...	1
Other Tuberculous Diseases ...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous) ...	...	...	...	...	...	...	1	...	...	1
Convulsions	3	1	...	1	5	2	1	1	...	9
Laryngitis	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	3	1	1	1	6
Pneumonia	...	...	...	1	1	...	2	3	1	7
Diarrhœa	...	...	...	...	...	1	...	...	...	1
Enteritis	...	...	...	...	...	1	5	1	2	9
Gastritis	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	3	1	2	1	7
Syphilis	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...
Suffocation	...	...	...	...	...	...	...	...	...	...
Injury at Birth	2	...	...	...	2	...	...	...	...	2
Atelectasis	2	...	...	...	2	...	...	...	...	2
Congenital Malformation ...	1	...	...	...	1	...	...	1	1	3
Premature Birth	9	3	1	...	13	...	...	...	...	13
Atrophy, Debility, and Marasmus	5	1	...	...	6	5	2	1	...	14
Other Causes	1	1	...	...	2	...	...	3	...	5

Nett Births registered during the Calendar year—

Legitimate 917 ; Illegitimate 32.

Nett Deaths registered during the Calendar year—

Legitimate Infants 77 ; Illegitimate Infants 4.

Table IIIa. Infantile Mortality.—OGMORE.

Nett Deaths from stated causes at various ages under one year.

CAUSES.	Under 1 Week	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 weeks	4 Weeks and under 3 Months.	3 Months and under 6 Months.	6 Months and under 9 Months.	9 Months and under 12 Months.	Total Deaths under 1 Year.	
All Causes {Certified	11	2	...	1	14	12	10	10	5	51	
All Causes {Uncertified	...	...	...	...	...	...	...	...	...	...	
Small-pox	...	...	...	...	...	...	...	...	...	...	
Chicken-pox	...	...	...	...	...	...	...	...	...	...	
Measles	...	...	...	...	...	...	...	...	1	1	
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	
Whooping Cough	...	...	...	...	...	...	...	...	...	...	
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	
Erysipelas	...	...	...	...	...	...	...	...	...	...	
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	
Meningitis (not Tuberculous)	...	...	...	...	...	...	1	...	...	1	
Convulsions	1	...	...	...	1	2	...	1	...	4	
Laryngitis	...	...	...	...	...	...	...	...	...	...	
Bronchitis	...	...	...	...	...	3	1	...	...	4	
Pneumonia	...	...	...	...	1	1	...	1	2	...	4
Diarrhœa	...	...	...	...	...	...	1	...	...	...	1
Enteritis	...	...	...	...	...	...	...	5	1	2	8
Gastritis	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	3	1	2	1	7
Syphilis	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...
Suffocation	...	...	...	...	...	...	...	...	...	...	...
Injury at Birth	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	...	...	...	...	...	...	...	...
Congenital Malformation	...	...	...	...	...	...	...	...	1	1	2
Premature Birth	...	7	1	...	...	8	...	...	...	...	8
Atrophy, Debility, and Marasmus	3	1	...	...	4	3	1	1	...	9	
Other Causes	...	...	...	...	...	...	...	2	...	2	

Nett Births registered during the Calendar year—

Legitimate 475 ; Illegitimate 19.

Nett Deaths registered during the Calendar year—

Legitimate Infants 48 ; Illegitimate Infants 3.

Table IIIb. Infantile Mortality.—GARW.

Nett Deaths from stated causes at various ages under one year.

CAUSES.	Under 1 Week	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 weeks	4 Weeks and under 3 Months.	3 Months and under 6 Months.	6 Months and under 9 Months.	9 Months and under 12 Months.	Total Deaths under 1 Year.	
All Causes {Certified	13	4	...	1	18	3	4	3	2	30	
All Causes {Uncertified	...	...	...	...	...	...	...	...	...	...	
Small-pox	...	...	...	...	...	...	...	...	...	...	
Chicken-pox	...	...	...	...	...	...	...	...	...	...	
Measles	...	...	...	...	...	...	...	...	...	...	
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	
Whooping Cough	...	...	...	...	...	...	...	...	...	...	
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	
Erysipelas	...	...	...	...	...	...	...	...	...	...	
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	
Abdominal Tuberculosis	...	...	...	...	...	...	...	1	...	...	1
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...
Convulsions	...	2	1	...	1	4	...	1	...	...	5
Laryngitis	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	...	...	...	1	1	2
Pneumonia	...	...	...	...	...	...	...	1	1	1	3
Diarrhœa	...	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	1	...	...	...	1
Gastritis	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...
Suffocation	...	...	...	...	...	...	...	...	...	...	...
Injury at Birth	...	2	...	...	...	2	...	...	...	...	2
Atelectasis	...	2	...	...	...	2	...	...	...	...	2
Congenital Malformation	...	1	...	...	...	1	...	...	...	...	1
Premature Birth	...	3	2	...	...	5	...	...	...	...	5
Atrophy, Debility, and Marasmus		2	...	...	...	2	2	1	...	...	5
Other Causes	...	1	1	...	...	2	...	...	1	...	3

Nett Births registered during the Calendar year—

Legitimate 442 ; Illegitimate 13.

Nett Deaths registered during the Calendar year—

Legitimate Infants 29 ; Illegitimate Infants 1.

Table M 13.

Causes of Death in Ogmore and Garw Urban District for 1921.

	CAUSES OF DEATH.	MALES.	FEMALES.
	All Causes (Civilians only)	187	143
1.	Enteric Fever	3	2
2.	Small Pox	—	—
3.	Measles	2	3
4.	Scarlet Fever	—	1
5.	Whooping Cough	—	—
6.	Diphtheria	2	—
7.	Influenza	3	—
8.	Encephalitis Lethargica	—	—
9.	Meningococcal Meningitis	—	—
10.	Tuberculosis of Respiratory System ...	13	10
11.	Other Tuberculosis Diseases ...	2	4
12.	Cancer, Malignant Disease	5	14
13.	Rheumatic Fever	1	3
14.	Diabetes	2	3
15.	Cerebral Hæmorrhage, &c... ...	12	4
16.	Heart Disease	12	14
17.	Arterio-Sclerosis	4	—
18.	Bronchitis	14	9
19.	Pneumonia (all forms)	18	6
20.	Other Respiratory Diseases ...	6	2
21.	Ulcer of Stomach or Duodenum ...	—	1
22.	Diarrhœa, &c. (under 2 years) ...	7	3
23.	Appendicitis and Typhlitis ...	1	—
24.	Cirrhosis of Liver	—	—
25.	Acute and Chronic Nephritis ...	5	2
26.	Puerperal Sepsis	—	3
27.	Other Accidents and Diseases of Pregnancy and Parturition	—	2
28.	Congenital Debility and Malformation, and Premature Birth	12	18
29.	Suicide	—	1
30.	Other Deaths from Violence ...	16	3
31.	Other Defined Diseases	45	35
32.	Causes Ill-defined or Unknown ...	2	—
	Deaths of Infants under 1 Year—Total ...	47	34
	Illegitimate...	2	2
	Total Births	476	473
	Legitimate	455	462
	Illegitimate	21	11
	Population	30,850	

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